Indent No: 28239

Original/Duplicate/Triplicate

CONTRACT CERTIFICATE

(For Other Works)

No.2nd & Final Bill

Date.....2019

Zone:**BBMP,Yelahanka** Division:**BBMP, Byatarayanapura** Sub-Division:**BBMP, Kodigehalli**

Bill Received No. Dated Divisional / Sub-Divisional

Cash Book Voucher No.....Dated.....

Job Code: 007-18-000049, 007-18-000050, 007-18-000051, 007-18-000052

Schedule Docket No. Head of Account: P3111 Est.Cost: Rs.200.00 Lakhs D.R.NO.:

Name of Work : Package-3, includes 4 works of Rs.200.00 Lakhs 1) Improvements to roads and drains of chiranjeevi layout extension and surrounding areas in ward No.07, Byatarayanapura 2) Improvements to roads and drains of Mariyannapalya and surrounding areas in ward No.07, Byatarayanapura 3) Improvements to roads and drains of Gopalappa Layout and chinnappa Layout in ward No.07, Byatarayanapura 4) Improvements to roads and drains of Hotteppa Layout, Khasinagara and surrounding areas in ward No.07, Byatarayanapura

Name of Contractor and Full Address: Sri D Narahari Benaka Developers & Project Pvt. Ltd, #34, 2nd Floor 2nd cross, Sampige road, Malleswaram bangalore-560003.

Reference to Agreement No. BBMP/EE/BTP/WO/103/2018-19 Date: 04.09.2018

Certified that the measurements were taken by me on: 06-01-2020 and recorded of Pages **499701** to **499711** of measurement Book No. **4998/2019-20** and that work is satisfactorily executed.

For Benaka Developers And Projects Pvt. Ltd

Contractor

Officer-in-charge of work

Certified that measurement were taken by me on 6/1/2020 / /2019 and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Accont have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of and imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Sub-Division Officer

Assistant Executive Engineer
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

1) Total value of work done or supplies made as per account within — Amount Total 18890392 00
2) Deduct amount to be held in reserve being.....Percent Rs..... — 1st & Part Previous 4886417 00
3) " Balance — 2nd & Final TTB 14003975 00
4) Deduct Payment:
a) Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D.No..... adjusted towards cash advance recovery of — It 280080 00
b) Payments cost store or other material supplied. — CGST 125036 00
Now made recovery of amount creditable to this /other work — SGST 125036 00
Amount paid on this bill Cheque/Cash. — LWF 14004 00
5) Balance being unpaid value of work done held in reserve. — CBF 14004 00
6) Deduct cash advance made on the Office cash Book Voucher No..... dated .....less adjustments. — LR Fine Def. 170479 00 5000 00
7) Net amount due to or from Contractor unadjustments items. — Total amount adjusted 854675 00
8) Advance to Contractor for materials brought to site (as detailed) within — Cheque 1,31,44,300 00
9) Value of Government materials supplied.

For Benaka Developers And Projects Pvt. Ltd

Contractor's Signature

NARAHARI .D
Managing Director

Received Rs.....(in words).....
.....
by cash and by adjustment of Payment as per memorandum
(in final settlement of all demands)

For Benaka Developers And Projects Pvt. Ltd

Witness
1
2
Dated Signature of Contractor
Paid by me by Cheque No.....Dated.....
Cash Rs.....
Dated.....
Initials of Officer making payment

P 3111 - SFC

(For use in the Office)

Stamp

ಜಿಲ್ಲಾ ಮೊತ್ತದ ರೂ.14003975/- ಮಾತ್ರ ಮಾಡಿದೆ.
ಇದರಲ್ಲಿ ರೂ. 859675/- ಗಳನ್ನು ಹೊಂದಾಣಿಕೆ
ಮಾಡಿಕೊಂಡು ರೂ. 1,31,44,300/- ಗಳನ್ನು

FT/NEFT/RTGS

Executive Engineer

27/1

Sl. No.	Items grouped under sub-Heads and Sub-Works of the Estimate Description	Unit
1	Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 m and an average lift upto 1.5m, excavated surafce levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking clods complete as per specifications and the directions of Engineer in-charge	Cum
2	Removing and refixing stone slabs of drains and pointing and the directions of Engineer in-charge	Sqm
3	Providing granite slabs of selected quality roughly dressed and fixed in cementer mortar (1:6) including fixing curing etc., complete.as per specification and the directions of Engineer in-charge	Sqm
4	Providing and laying in position plain cement concrete of nominal mix 1:4:8 using 40mm and down size graded granite metal machine mixed, conrete laid in layers not exceeding 15 cms. Thick well compacted in foundation and plinth, including cost of all materials labour, HOM of machinery, curing complete as per specification and the directions of Engineer in-charge	Cum
5	Providing and constructing granite /trap/basalt size stone masonry in foundation with cement mortar 1:6, stone hammered dressed in courses not less than 20cms hign, bond stones at two m apart in each course including cost of materials, labour, curing etc., complete as per specificationsand the directions of Engineer in-charge	Cum
6	Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240 kgs with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregates @ 0.53cum, machine mixed concrete laid in layers not exceeding 15cms thick well compacted in foundation plinth and cills including cost of all materials, labour HOM of machinery curing complete as per specificationsand the directions of Engineer in-charge	Cum
7	Providing laying, spreading and compacting graded fine aggregate to wet mix macadam specificationns including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surfce and compating with vibratory roller to achieve the desired density complete as per specifications and the directions of Engineer in-charge	Cum
	Above 125%	Cum
8	Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and or/ compressed air to receive bituminous treatment including cost of all materails, labour, HOM Machineries complete as per specifications and the directions of Engineer in-charge	Sqm
9	Providing and applying tack coat with80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials , labour HOM Machineries complete as per specifications and the directions of Engineer in-charge	Sqm
10	Providing and laying bituminous concrete40MM thick with hotmix plant, using crushed aggregates of specified grading, premixed with bituminous binder and filleeer, transporting of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with paver finisher to the required gradde, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to acheive the desired compaction as per MORTH specifications and the directions of Engineer in-charge	Cum

Previous Measurement			Present Measurement			Total Upto Date	
Qty	Rate Rs. P.	Amount	Qty	Rate Rs. P.	Amount	Qty	Cost
919.20	104.30	95872.56	2705.21	104.30	282153.40	3624.41	378025.96
1153.58	90.23	104087.523	4395.66	90.23	396620.40	5549.24	500707.93
385.62	745.56	287502.847	1610.99	745.56	1201089.70	1996.61	1488592.55
5.52	5416.97	29901.6744	112.55	5416.97	609679.97	118.07	639581.65
20.52	4970.81	102001.021	55.65	4970.81	276625.58	76.17	378626.60
3.42	6055.83	20710.9386	11.28	6055.83	68309.76	14.70	89020.70
222.04	1856.48	412212.819	984.75	1856.48	1828168.68	1206.79	2240381.50
0.00	1980.00	0	263.90	1980.00	522522.00	263.90	522522.00
10336.70	3.56	36798.652	16797.19	3.56	59798.00	27133.89	96596.65
10336.70	13.06	134997.302	17339.39	13.06	226452.43	27676.09	361449.74
413.47	8223.37	3400116.79	693.58	8223.37	5703564.96	1107.05	9103681.76

11	Providing and laying of hot applied thermoplastic compund 2.5mm thick including reflectorising glass beads at 250 gms per sqm area thickness of 2.5mm is exclusive of surface applied galss beads as per thickness of 2.5mm is exclusive of surface, applied glass beadsa s perIRC35. The finished surface to be level, uniform and free from streaks and holes complete as per specifications. and the directions of Engineer in-charge	Sqm
12	Providing TMT Steel Reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications.	Tonne
13	Providing and removing Centering, shuttering, strutting, propping etc., for columns, pillars, piers, abutments, post and struts, square / rectangular slabs /side walls polygon in plan including cost of materials, labour complete as per specification and directions of the Engineer in charge.	Sqm
14	Providing ruled pointing of course stone msonry with cement mortar 1:3 20 mm deep, after raking joints to depth of 20 mm nicley lining, including cost of materials, labour, curing etc., complete as per specifications and directions of the engineer-in-charge.	Sqm
	Above 125%	Sqm
15	Cement concrete pavement. Construction of un-reinfirced plain cement concrete pavement, thickness as per deisgn, over a prepraed sub base with OPC cement or any other type as per clause 1051..2.2 with 25mm and down size graded granite metal coarse aggregates and fine aggregates ,with superplastiser @ 3lts confirming to IS9103-1999 REAFFIRMED-2008, Mixed in a concrete mixer of not less than 0.6 cum capacity and approximate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates inlcuding levelling the form work as per drawing) and spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished in a continous operation including, provision of contraction, expansion, construction operation including longitudinal joints, including groove cutting charges joint filler, sparation menebrane, sealant, admixtures as approved, curing compound, finishing to lines and grades as per drawing complete as per specfication	Cum
16	Vaccum De-watering with vaccum pump and suction mat and compaction with skin floater clubbed with floating disc including cst of generator, HOM of machinery screed vibaratory, power floater, blade and disc etc., with all leads and lift.	Sqm
17	Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 320 Kgs with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregates @ 0.459 cum with superplastizers @ 3lts confirming to IS 9103-1999 RE affirmed - 2008 machine mixed, concrete laid in layers not exceeding 15cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, stair case lintels, retaining walls return walls, walls(anythickness) including attached plasters columns piers abutments pillars posts struts butresses string or lacing courses parapets copings, bed blocks , plain windows cills fillets etc., including cost of all materials labour HOM of machinery curing complete as per specifications.	Cum
	Above 125%	Cum
18	Loading and unloading of stone boulder/stone aggregates/sand/kaner/moorum. placing tipper at loading point loading with front end loading, dumping turing for return trip, excluding time for haulage and return and trip complete as per specificationand as per the direction of Engineer in charge of the work.	Cum

251.85	607.85	153087.023	701.86	607.85	426625.60	953.71	579712.62
0.00	70667.76	0	2.26	70667.76	159709.14	2.26	159709.14
0.00	434.52	0	364.68	434.52	158460.75	364.68	158460.75
0.00	41.55	0	135.00	41.55	5609.25	135.00	5609.25
0	41.55	0	22.86	41.55	949.83	22.86	949.83
0.00	5784.26	0	52.50	5784.26	303673.65	52.50	303673.65
0.00	106.85	0	525.00	106.85	56096.25	525.00	56096.25
0.00	6690.24	0	40.23	6690.24	269148.36	40.23	269148.36
0.00	7136.26	0	0.80	7136.26	5709.01	0.80	5709.01
919.20	118.72	109127.424	2705.21	118.72	321162.53	3624.41	430289.96

E1	Providing and fixing 20 cm thick pre cast RCC covering slab using reinforced cement concrete M 20 mix with stone aggregate 20 mm and down size including centring shuttering reinforcement and bar bending machine mixed concrete laid in layers not exceeding 15 cm thick wellcompacted cost of all materials labour curing comlete as per specification (Data Rate)	Sqm
E2	Providing and fixing RCC Precast cover slab of 250mm thick for drain in cement concrete M20 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and the directions of Engineer in-charge. (Data Rate)	Sqm
	Total	

CRTIFICATE:

1. Certified that the above work done satisfactory and no materials issued from Department

Ashly. N.D
AE(WS)

0.00	5111.00	0	163.08	5111.00	833501.88	163.08	833501.88
0.00	1836.00	0	157.05	1836.00	288343.80	157.05	288343.80
		4886416.58			**14003974.95**		**18890391.52**

4886417 14003975 18890392

Assistant Executive Engineer
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.